

Form PTO/SB/08 (2-92)

Docket Number 300622004810

Application Number 10/607,809

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Leonard KATZ et al.

Filing Date June 27, 2003

Group Art Unit ~~1632~~ 1650

Mailing Date: December 11, 2003

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
JH	1.	05/1997	5,672,491	Khosla et al.	435	148	
	2.	10/1999	5,962,290	Khosla et al.	435	183	
	3.	03/2000	6,033,883	Barr et al.	435	148	
	4.	05/2000	6,066,721	Khosla et al.	536	23.1	
	5.	06/2000	6,080,555	Khosla et al.	435	41	
	6.	07/2001	6,262,340	Betlach et al.	800	278	
	7.	10/2001	6,303,342	Julien et al.	435	76	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
JH	8.	04/1997	WO 97/13845	PCT	—	—	
	9.	11/1998	WO 98/49315	PCT	—	—	
	10.	01/1999	WO 99/02669	PCT	—	—	
	11.	01/1999	WO 99/03986	PCT	—	—	
	12.	04/2001	WO 01/27306	PCT	—	—	
	13.	05/2001	WO 01/31035	PCT	—	—	

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
JH	14.	Donadio et al. "Erythromycin Production in Saccharopolyspora Erythraea Does Not Require a Functional Propionyl-CoA Carboxylase" Molecular Microbiology (1996) 19(5):977-984.
JH	15.	Gokhale et al. "Dissecting and Exploiting Intermodular Communication in Polyketide Synthases" Science (1999) 284:482-485.

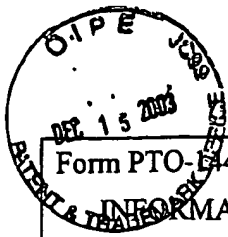
EXAMINER:

Anne Robinson

DATE CONSIDERED:

3/10/06

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
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16.	Hsieh and Kolattukudy "Inhibition of Erythromycin Synthesis by Disruption of Malonyl-Coenzyme A Decarboxylase Gene <i>eryM</i> in <i>Saccharopolyspora erythraea</i> " J. Bact. (1994) 176(3):714-724.
17.	Kao et al. "Engineered Biosynthesis of a Complete Macrolactone in a Heterologous Host" Science (1994) 265:509-512.
18.	Kealey et al. "Production of a Polyketide Natural Product in a Nonpolyketide-Producing Prokaryotic and Eukaryotic Hosts" PNAS (1998) 95:505-509.
19.	Khosla et al. "Tolerance and Specificity of Polyketide Synthases" Annual Review of Biochemistry (1999) 68:219-253.
20.	Kuhstoss et al. "Production of a Novel Polyketide Through the Construction of a Hybrid Polyketide Synthase" Gene (1996) 183(1):231-236.
21.	Liu et al. "Precursor Supply for Polyketide Biosynthesis: The Role of Crotonyl-CoA Reductase" Metabolic Engineering (2001) 3(1):41-48.
22.	Pfeifer et al. "Biosynthesis of Polyketides in Heterologous Hosts" Microbiology and Molecular Biology Reviews (2001) 65(1):106-118.
23.	Pieper et al. "Erythromycin Biosynthesis: Kinetic Studies on a Fully Active Modular Polyketide Synthase Using Natural and Unnatural Substrates" Biochemistry (1996) 35(7):2054-2060.
24.	Stassi et al. "Ethyl-Substituted Erythromycin Derivatives Produced by Directed Metabolic Engineering" PNAS (USA) (1998) 95(13):7305-7309.
25.	Tang et al. "Amino Acid Catabolism and Antibiotic Synthesis: Valine is a Source of Precursors for Macrolide Biosynthesis in <i>Streptomyces Ambofaciens</i> and <i>Streptomyces Fradiae</i> " J. of Bacteriology (1994) 176(19):6107-6119.
26.	Tuchman et al. "Enhanced Production of Arginine and Urea by Genetically Engineered <i>Escherichia Coli</i> K-12 Strains" Applied and Environmental Microbiology (1997) 63(1):33-38.
27.	Vrijbloed et al. "Insertional Inactivation of Methylmalonyl Coenzyme (CoA) Mutase and Isobutyryl-CoA Mutase Genes in <i>Streptomyces Cinnamomensis</i> : Influence on Polyketide Antibiotic Biosynthesis" J. of Bacteriology (1999) 181(18):5600-5605.
28.	Wallace et al. "Purification of Crotonyl-CoA Reductase from <i>Streptomyces Collinus</i> and Cloning, Sequencing and Expression of the Corresponding Gene in <i>Escherichia Coli</i> " European J. of Biochemistry (1995) 233(3):954-962.
29.	Wawskiewicz et al. "Propionyl-CoA* Dependent H ¹⁴ CO ₃ -Exchange into Methylmalonyl-CoA in Extracts of <i>Streptomyces Erythraeus</i> " Biochemische Zeitschrift (1964) 340:213-227.
30.	Xue et al. "A Multiplasmid Approach to Preparing Large Libraries of Polyketides" PNAS (USA) 96(21):11740-11745.

EXAMINER:

Hope Robinson

DATE CONSIDERED:

3/10/04

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.